

# COCC Manufacturing and Applied Technology Center

## MATC Revitalization

as of March 2025

### **Amy Ward**

Redmond Campus Director

Manufacturing Technology Program Director

### **John Graham**

Executive Director, Center for Business,  
Industry and Professional Development



CENTRAL OREGON  
community college



### **Past Challenges**

- Self-paced format
- Faculty turnover
- Student learning didn't meet workforce needs

### **New Solutions**

- Scheduled instruction
- Excellent new faculty
- Expansive curriculum improvements



## National Coalition of Advanced Technology Centers

### Virtual Site Review, December 2022

- 2 days
- 9 focus groups
- 53 participants
- Funded by Strengthening Community Colleges Grant through Department of Labor

## NCATC Findings

- Industry needs employees with skills higher than a technician but less than an engineer
- Create facilities, curricula, and learning experiences to develop employability skills and work ethic
- Develop stackable credentials with multiple entry and exit points
- Provide short-term, industry responsive training

## 2023 - 27 Strategic Plan Goals

**Student-Ready College:** COCC welcomes all students by addressing their individual needs and helping them achieve their goals.

**Access:** COCC expands access by providing students with equitable opportunities and the resources needed to achieve their goals.

**Community Engagement:** COCC engages with and responds to the needs of the communities we serve.

**Workforce Development:** COCC develops and aligns educational opportunities with regional workforce needs and industry standards.

**College Sustainability:** COCC creates processes and systems to foster a high-quality and operationally sustainable work, learning, and natural environments.

## 2023 - 27 Strategic Plan Goals

**Student-Ready College:** COCC welcomes all students by addressing their individual needs and helping them achieve their goals.

**Access:** COCC expands access by providing students with equitable opportunities and the resources needed to achieve their goals.

**Community Engagement:** COCC engages with and responds to the needs of the communities we serve.

**Workforce Development:** COCC develops and aligns educational opportunities with regional workforce needs and industry standards.

**College Sustainability:** COCC creates processes and systems to foster a high-quality and operationally sustainable work, learning, and natural environments.

## Strategic Plan Action Project MATC Revitalization Charge

Update and expand advanced manufacturing opportunities to meet workforce needs.

- Facilities
- Equipment
- Industry and community partnerships
- Stackable certificates and customized trainings
- Student learning outcomes

### **Goal Connection:**

Access

Community Engagement

Workforce Development



## COMPONENTS OF REVITALIZATION

- Faculty Recruitment and Retention
- Industry Responsive Curriculum
- Attracting and Retaining Diverse Student Populations
- Manufacturing Pre-Apprenticeship



## FACULTY AND STAFF

- Matthew Collier, Manufacturing Pre-Apprenticeship Administrator
- Boone Tompkins, Adjunct Faculty
- Gabriel Franco, Machining Professor
- Brian Keechle, Welding Professor
- Tom Johnson, Part-Time CAD/CAM Instructor
- Joe Leonard, Part-Time Welding Instructor
- Rosie Day, Part-Time Welding Instructor
- Josh LeBlanc, Part-Time CNC Instructor
- Nigel Allen, Academic Lab Specialist
- Rob Brauer, Instructional Assistant
- MacKenzie Davis, Lab Assistant and Student



## ADVISORY BOARD INDUSTRY PARTNERS

Advanced Northwest Welding  
BasX  
BridgeMasters Inc  
Brightwood Corporation  
CLS Fabrication  
Fuel Safe  
ISCO Manufacturing

Keith Manufacturing  
Medline Renewal  
Nosler  
Outback Manufacturing  
PCC Structurals  
Radian Weapons  
Senneca Holdings  
SherpTek

## ADVISORY BOARD COMMUNITY PARTNERS

East Cascade Works  
REDI  
EDCO Sisters  
High Desert ESD  
Bend High School  
La Pine High School  
Redmond High School  
Ridgeview High School



Linn-Benton Community College



Clackamas Community College



Chemeketa Community College



PCC OMIC

# Current Floor Plan





# Next Steps

- Architect Selection
- Temporary Program Location
- Continued Curriculum Development
- Equipment Procurement
- Right-size Faculty and Budget



CENTRAL OREGON  
community college

# Become a Partner

- Advocacy
- Relationships
- Part Time Faculty
- Equipment and Materials
- Visit Manufacturing Technology



CENTRAL OREGON  
community college

# MATC Revitalization

**Amy Ward**

acward@cocc.edu

541-504-2902

**John Graham**

jgrahamjr@cocc.edu

541-383-7275

MATCinfo@cocc.edu



CENTRAL OREGON  
community college